



IOWA STATE FIRE MARSHAL DIVISION  
ARSON AND EXPLOSIVES BUREAU



## CASE NUMBER DATA

CASE #: 2022030186

INCIDENT DATE: 12/08/2022 11:00

CASE STATUS: CLOSED

CASE NAME: C6 ZERO IOWA

ASSIGNED TO: OSSMAN, LUCAS (707 FM)

S-A-C: HUMPHREY, RONALD (774 FM)

COUNTY: IOWA

CITY: MARENGO

STATE: IOWA

SFM ZONE: 4

UCR CODE:

CASE TYPE: ACCIDENTAL

SUB CASE TYPE: EXPLOSION

SUB CASE TYPE:

OCCUPANCY: MANUFACTURING PLANT

AGENCY: MARENGO POLICE DEPT.

MEMO: Explosion and fire at fuel manufacturing plant

Insurance: Nationwide (Bldg and operations)

CONCLUSION: At approximately 11:00 AM on December 8, 2022, an explosion and fire was reported at C6-Zero Iowa located at 810 E South St.; Marengo. During the investigation the explosion/fire originates near the area of Trommel #2 and the conveyor between Trommel #2 and Trommel #3. The facility took asphalt shingles and through a chemical process producing Marine grade diesel fuel, this process produced vapors which were flammable in nature. The structure had been in its respective location for many years and never had any significant events like what happened on December 8, 2022.

Based on the totality of circumstances and a joint investigation by the State Fire Marshal Division, Division of Criminal Investigation, Iowa State Patrol, ATF and Marengo Police Department, the fire does not meet the SFM criteria of an intentionally set fire. This fire has been determined to be "ACCIDENTAL". An unknown mechanical failure ignited flammable vapors in or near Trommel #2. This caused a vapor air explosion and fire that



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damaged the facility and injuries to employees and people on a tour inside the plant.

This case should be considered CLOSED pending any new developments. Reports are subject to change or modification if additional facts or evidence come to light.